

INTERNATIONAL SEARCH REPORT

IB2004/004114

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D471/10 A61K31/438 A01N43/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07D A61K A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/106457 A (SYNGENTA LIMITED; SYNGENTA PARTICIPATIONS AG; HUGHES, DAVID, JOHN; WOR) 24 December 2003 (2003-12-24) Tables I--XXXII page 1, line 3 - page 1, line 6; claims 1-7, 10; examples 1-19 -----	1-10
A	EP 0 286 346 A (E.I. DU PONT DE NEMOURS AND COMPANY) 12 October 1988 (1988-10-12) claim 2, compounds Q-.2; page 4, line 12 - page 5, line 8; claims ----- -/-	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

22 April 2005

Date of mailing of the international search report

06/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KAWASAKI T ET AL: "Enantioselective total synthesis of (-)-pseudophrynaminol through tandem olefination, isomerization and asymmetric Claisen rearrangement" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 44, no. 8, 17 February 2003 (2003-02-17), pages 1591-1593, XP004405278 ISSN: 0040-4039 page 1592, compound 12 -----</p>	1-8

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 10 is directed partly to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 03106457	A 24-12-2003	AU 2003240071 A1		31-12-2003
		BR 0312129 A		29-03-2005
		CA 2487494 A1		24-12-2003
		EP 1515969 A1		23-03-2005
		WO 03106457 A1		24-12-2003
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EP 0286346	A 12-10-1988	AT 103903 T		15-04-1994
		AU 609808 B2		09-05-1991
		AU 1548488 A		04-11-1988
		BR 8806571 A		17-10-1989
		CA 1311761 C		22-12-1992
		CN 88102069 A		26-10-1988
		DE 3888864 D1		11-05-1994
		DE 3888864 T2		13-10-1994
		EP 0286346 A2		12-10-1988
		EP 0362216 A1		11-04-1990
		ES 2061644 T3		16-12-1994
		IL 85998 A		06-09-1992
		JP 2502906 T		13-09-1990
		MX 11053 A		01-11-1993
		WO 8807994 A1		20-10-1988
		US 4960784 A		02-10-1990
		ZA 8802471 A		27-12-1989
		DK 288288 A		09-09-1989
		HU 49857 A2		28-11-1989
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